Module designation	Research on Current Animal Production
Semester(s) in which the module is taught	Odd and even semesters
Person responsible for the module	Ir. Panjono, S.Pt., M.P., Ph.D., IPM., ASEAN Eng. Prof. Dr. Ir. Endang Baliarti, S.U. Prof. Dr. Ir. Nono Ngadiyono, M.S., IPM. Prof. Dr. Ir. Tridjoko Wisnu Murti, DEA. Prof. Ir. Wihandoyo, M.S., Ph.D.
Language	Bahasa and English
Relation to curriculum	Specialization's Elective
Teaching methods	Classical lecture and discussion
Workload (incl. contact hours, self-study hours)	Total workload: 79 hours Contact hours: - Lecture: 23 hours - Academic activity: 28 hours Private study: 28 hours
Credit points	2/0
Required and recommended prerequisites for joining the module	None
Module objectives/intended learning outcomes	Course Outcomes (CO): 1. Student is able to comprehend many themes and current research methods in the field of animal production and its implementation in the research model and the development of dairy animal 2. Student is able to comprehend many themes and current research methods in the field of animal production and its implementation in the research model and the development of meat, draught, and companion animal 3. Student is able to comprehend many themes and current research methods in the field of animal production and its implementation in the research model and the development of poultry Expected Learning Outcomes: - Mastery in Sciences: 1. Able to master scientific philosophy and develop new science and technology in animal science is useful, competitive, and environmentally sound research with a multidisciplinary approach. (CO1, CO2, CO3) 2. Able to develop new science and technology concepts to solve problems in the field of animal husbandry through research with multidisciplinary and transdisciplinary approaches. (CO1, CO2, CO3) - Special skills: 1. Able to develop science and technology through creative, original, and novelty research. (CO1, CO2, CO3) 2. Able to manage, lead and develop research in the field of animal husbandry, as well as communicate the results and get recognition at the national and international levels for the benefit of humankind. (CO1, CO2, CO3) - General skills:

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<tr><td></td><td colspan="4">1. Able to find or develop new theories/concepts/ideas and contribute to the development and practice of science and/or technology by producing scientific research based on scientific methodology, logical, critical, systematic, and creative thinking through interdisciplinary, multidisciplinary, or transdisciplinary approaches, pay attention to and apply human values in their field of expertise. (CO1, CO2, CO3)</td></tr>
<tr><td>Content</td><td colspan="4">This course develops the comprehension about many themes and current research methods in the field of animal production and its implementation in research model and the development of dairy animal, meat, draught, and companion animal, and poultry in Indonesia.</td></tr>
<tr><td rowspan="11">Exams and assessment formats</td><td colspan="2">Assessment Components</td><td>Course Outcomes (CO)</td><td>Percentage (%)</td></tr>
<tr><td colspan="2">1. Midterm exam (written test, paper assignment)</td><td>CO 1 & CO 2</td><td>30</td></tr>
<tr><td colspan="2">2. Final exam (written test, paper assignment)</td><td>CO 2 & CO 3</td><td>30</td></tr>
<tr><td colspan="2">3. Discussion</td><td>CO 1, CO 2 & CO 3</td><td>10</td></tr>
<tr><td colspan="2">4. Presentation</td><td>CO 1, CO 2 & CO 3</td><td>10</td></tr>
<tr><td colspan="2">5. Take-home written assigments</td><td>CO 1, CO 2 & CO 3</td><td>20</td></tr>
<tr><td colspan="4">Grade and Score</td></tr>
<tr><td>Grade</td><td>Score</td><td>Grade</td><td>Score</td></tr>
<tr><td>A</td><td>≥80</td><td>C+</td><td>45-49,9</td></tr>
<tr><td>A-</td><td>75-79,9</td><td>C</td><td>40-44,9</td></tr>
<tr><td>A/B</td><td>70-74,9</td><td>C-</td><td>35-39,9</td></tr>
<tr><td>B+</td><td>65-69,9</td><td>C/D</td><td>30-34,9</td></tr>
<tr><td>B</td><td>60-64,9</td><td>D+</td><td>25-29,9</td></tr>
<tr><td>B-</td><td>55-59,9</td><td>D</td><td>20-24,9</td></tr>
<tr><td>B/C</td><td>50-54,9</td><td>E</td><td>0-19,9</td></tr>
<tr><td>Study and examination requirements</td><td colspan="4">The final grade in the module is composed of 30% performance on Midterm exam, 30% final exam, 10% quiz, 10% presentation, and 20% take-home written assignment. Students must have a final grade of 70% or higher to pass</td></tr>
<tr><td>Reading list</td><td colspan="4">- Journal of Dairy Science. www.journalofdairyscience.org
- Journal of Animal Science. www.academic.oup.com/jas
- Asia Australasian Journal of Animal Science. www.ajas.info
- Livestock Science Journal. www.sciencedirect.org
- Small Ruminant Science Journal. www.sciencedirect.org
- Meat Science Journal. www.sciencedirect.org</td></tr>
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